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**From:** Crawford, Dorothy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B22442C0DAD249C1B798271CB981B12F-CRAWFORD, DOROTHY]  
**Sent:** 10/9/2019 4:27:25 PM  
**To:** Paz, Armando, NMENV [Armando.Paz@state.nm.us]  
**CC:** Madden, Joshua [madden.joshua@epa.gov]; Verhalen, Frances [verhalen.frances@epa.gov]; Baca, Michael, NMENV [michael.baca1@state.nm.us]  
**Subject:** RE: 2017 PM10 Exceedances, draft Demonstration public noticed

Thanks.

I am working on my end to more fully coordinate the possibility of NMED submitting the final EE Demonstration via SPECS for SIPs. I will keep you posted. I believe that is doable and follow-up with hard copy may not be necessary.

Dorothy Crawford  
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(214) 665-2771

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**From:** Paz, Armando, NMENV <Armando.Paz@state.nm.us>  
**Sent:** Wednesday, October 09, 2019 10:11 AM  
**To:** Crawford, Dorothy <Crawford.Dorothy@epa.gov>  
**Cc:** Madden, Joshua <madden.joshua@epa.gov>; Verhalen, Frances <verhalen.frances@epa.gov>; Baca, Michael, NMENV <michael.baca1@state.nm.us>  
**Subject:** RE: 2017 PM10 Exceedances, draft Demonstration public noticed

Good Morning Dot,

The 2016 Final EED is currently being prepared internally for the submittal to be released as soon as possible. The 2017 EED public comment period closed last week and NMED is still waiting for a proof and affidavit from the Albuquerque Journal for the final submittal. No comments have been received for either demonstration.

We are fully registered with SPeCS for SIPs' and are interested with submitting the demonstration via that route if possible, otherwise, we are prepared to submit the demonstration via hardcopy to the RA as well. Please advise.

Thank you,

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**From:** Crawford, Dorothy <[Crawford.Dorothy@epa.gov](mailto:Crawford.Dorothy@epa.gov)>  
**Sent:** Tuesday, October 8, 2019 9:20 AM  
**To:** Paz, Armando, NMENV <[Armando.Paz@state.nm.us](mailto:Armando.Paz@state.nm.us)>  
**Cc:** Madden, Joshua <[madden.joshua@epa.gov](mailto:madden.joshua@epa.gov)>; Verhalen, Frances <[verhalen.frances@epa.gov](mailto:verhalen.frances@epa.gov)>; Baca, Michael, NMENV <[michael.baca1@state.nm.us](mailto:michael.baca1@state.nm.us)>  
**Subject:** [EXT] RE: 2017 PM10 Exceedances, draft Demonstration public noticed

Armando, Can we get an update on the schedule for the submittals of the final demonstrations for the 2016 and 2017 PM10 exceedances? Thanks

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**From:** Crawford, Dorothy  
**Sent:** Tuesday, October 01, 2019 7:12 AM  
**To:** Paz, Armando, NMENV <[Armando.Paz@state.nm.us](mailto:Armando.Paz@state.nm.us)>  
**Cc:** Madden, Joshua <[madden.joshua@epa.gov](mailto:madden.joshua@epa.gov)>; Verhalen, Frances <[verhalen.frances@epa.gov](mailto:verhalen.frances@epa.gov)>; Baca, Michael, NMENV <[michael.baca1@state.nm.us](mailto:michael.baca1@state.nm.us)>  
**Subject:** RE: 2017 PM10 Exceedances, draft Demonstration public noticed

Funny you should ask. I was thinking this morning coming into work that I was going to alert you and your counterparts in TCEQ and the City, about a new system being developed.

The easy answer is, no, for right now the EE Demonstration formal submittal process is by hard copy mailed to RA.

The future answer is that EPA is developing 'SPeCS for Exceptional Events'. In the SIP world, there is a 'SPeCS for SIPs' software which allows SIPs submittal and responses to be done electronically. EPA is at the development stage for the corollary 'SPeCS for Exceptional Events' software. I have not heard about planned roll-out stage for 'SPeCS for Exceptional Events'.

All that being said, I was on a national call a while back and heard one of my counterparts in another EPA region say that they had used 'SPeCS for SIPs' for a formal submittal of an EE Demonstration. My memory is that the EE Demonstration was submitted in 'SPeCS for SIPs' under an 'Other' category.

Is NMED already 'enrolled' or 'registered' for 'SPeCS for SIPs' software? I understand 'SPeCS for SIPs' entails certain state employees registered in the system as submitters and 'certifiers'. The actual person at the state who pushes the button to send the formal submittal to EPA has to be a registered 'SPeCS for SIPs' certifier.

If you all are signed up/registered for 'SPeCS for SIPs' and want to try to formally submit an EE Demonstration via this route, I will coordinate with my fellow EPA staff who use 'SPeCS for SIPs' to see what we need to do on our end of the software. Let me know. If not, mailing the hard copy is the way to go for now.

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**From:** Paz, Armando, NMENV <[Armando.Paz@state.nm.us](mailto:Armando.Paz@state.nm.us)>  
**Sent:** Monday, September 30, 2019 4:35 PM

**To:** Crawford, Dorothy <[Crawford.Dorothy@epa.gov](mailto:Crawford.Dorothy@epa.gov)>  
**Cc:** Madden, Joshua <[madden.joshua@epa.gov](mailto:madden.joshua@epa.gov)>; Verhalen, Frances  
<[verhalen.frances@epa.gov](mailto:verhalen.frances@epa.gov)>; Baca, Michael, NMENV <[michael.baca1@state.nm.us](mailto:michael.baca1@state.nm.us)>  
**Subject:** RE: 2017 PM10 Exceedances, draft Demonstration public noticed

Is there an alternate means of submitting the demonstration electronically?

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**From:** Crawford, Dorothy <[Crawford.Dorothy@epa.gov](mailto:Crawford.Dorothy@epa.gov)>  
**Sent:** Monday, September 30, 2019 6:09 AM  
**To:** Paz, Armando, NMENV <[Armando.Paz@state.nm.us](mailto:Armando.Paz@state.nm.us)>  
**Cc:** Madden, Joshua <[madden.joshua@epa.gov](mailto:madden.joshua@epa.gov)>; Verhalen, Frances  
<[verhalen.frances@epa.gov](mailto:verhalen.frances@epa.gov)>; Baca, Michael, NMENV <[michael.baca1@state.nm.us](mailto:michael.baca1@state.nm.us)>  
**Subject:** [EXT] RE: 2017 PM10 Exceedances, draft Demonstration public noticed

Thanks for the info.

The final Exceptional Event Demonstration should be sent to the EPA R6 Regional Administrator at our new office address on Elm Street in Downtown Dallas.

Ken McQueen, Regional Administrator  
Region 6, Environmental Protection Agency  
1201 Elm Street, Suite 500  
Dallas TX 75270

Fran and I would appreciate a courtesy email copy of the final demonstration. It might take a few days or weeks for the mailed demonstration to get to us.

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**From:** Paz, Armando, NMENV <[Armando.Paz@state.nm.us](mailto:Armando.Paz@state.nm.us)>  
**Sent:** Friday, September 27, 2019 10:33 AM  
**To:** Crawford, Dorothy <[Crawford.Dorothy@epa.gov](mailto:Crawford.Dorothy@epa.gov)>  
**Cc:** Madden, Joshua <[madden.joshua@epa.gov](mailto:madden.joshua@epa.gov)>; Verhalen, Frances  
<[verhalen.frances@epa.gov](mailto:verhalen.frances@epa.gov)>; Baca, Michael, NMENV <[michael.baca1@state.nm.us](mailto:michael.baca1@state.nm.us)>  
**Subject:** RE: 2017 PM10 Exceedances, draft Demonstration public noticed

Correct is your assessment for NMED not claiming a 'Large-scale and high-energy' high wind dust event (Tier 1 Analysis) for the June 24, 2017 exceedance for Deming in Luna

county. This demonstration as well as the rest of them for this year are being approached as Tier 2 Analysis'.

I will provide an interpretation for the VIIRS images narrative that the warmer colors represent areas with more heavily Aerosol Optical Depth concentrations.

Thank you for pointing out that the wind rose diagrams for the April 25, 2017 exceedance day are incorrect. I will fix those.

Unfortunately, the wind speed data for Chaparral is not available for that date in NMED's records which is why it is not on Figure 12-3 and no pollution rose is available. Figure 12-11 uses the next nearest monitor which is the Anthony monitoring site.

How should NMED submit the finalized documents to EPA since the 2016 EED public comment period has expired and the 2017 EED public comment period is quickly approaching us?

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**From:** Crawford, Dorothy <[Crawford.Dorothy@epa.gov](mailto:Crawford.Dorothy@epa.gov)>  
**Sent:** Wednesday, September 25, 2019 2:56 PM  
**To:** Paz, Armando, NMENV <[Armando.Paz@state.nm.us](mailto:Armando.Paz@state.nm.us)>  
**Cc: Subject:** [EXT] 2017 PM10 Exceedances, draft Demonstration public noticed

Armando, Some questions.

Correct is understanding NMED is not claiming a 'Large-scale and high-energy' high wind dust event (aka Tier 1, Haboob) caused the June 24, 2017, exceedance at Deming in Luna County. There were copies of news media articles for the exceedance day from Las Cruces in Dona Ana County. The media used the term Haboob. Impressive pictures of visible dust storm. I believe NMED intended the June 24 exceedance to be claimed as Tier 2 (sustained wind speeds >25 mph). In fact, I understand NMED intends all the 2017 exceedances to fit into that same Tier.

I have not yet educated myself on the interpretation of VIIRS satellite images. Similar to other satellite images used in the demonstration, it would be helpful to mark on the image the interpretation mentioned in the narrative.

For April 25, 2017, exceedance day, wind rose figures are labeled for March 31, 2017 exceedance day.

Similar to Table 11-3 for May 6, 2017, 5 minute wind speeds info for the following might be valuable to include in the demonstration: Anthony Feb 12; and Desert View Feb 18, Apr 25, and May 16.

Can you clarify the Chaparral wind data for May 16, 2017, exceedance day. Figure 12-3 does not include it. Pollution rose graph for Chaparral not included. Figure 12-11 includes Chaparral wind data.

#### Typos

Page 7, 'table 10-1' should be 'table 3-1'

Page 8, narrative says Chaparral is in table below, should be Holman

Pages 58, 77, 119; Figures 7-4, 8-3, 11-3; y axis mislabeled

#### Thanks

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